

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

1. IDENTIFICATION OF SUBSTANCE/MIXTURE AND THE COMPANY/ UNDERTAKING

1.1 Product Identifier

Label Name: Peppermint Water
CAS No: 7732-18-5, 64-17-5, 8006-90-4
Flash Point (open cup): 38.5
UN Number 1169

1.2 Other means of identification

Lavandula angustifolia.

1.3 Relevant identified uses of the substance or mixture and uses advised against

Recommended use: Concentrated aromatic and flavouring agent which should be used as such according to IFRA or FEMAGRAS/FDA guidelines.

Recommended restrictions: For Manufacturing Use Only.

1.4. Details of the supplier of the safety data sheet

Essential Oils of Tasmania Pty Ltd
1520 Channel Highway, Margate, Tasmania, 7054, Australia

For further Information please contact:

E-mail address/s info@eotasmania.com.au
clare@eotasmania.com.au

1.5. Emergency telephone number

Emergency telephone Office: +613 6229 4222
Clare McEldowney: +61400615665

Or contact relevant emergency number or POISON CENTRE.

2. HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

Hazardous substance or mixture according to the globally harmonised system (GHS).
Hazardous according to IATA regulations. No restrictions for airfreight transport
(Regulation CLP)

GHS Classifications

Flammable liquids (Category 3)
Skin irritation (Category 2)

2.2 Label elements including precautionary statements

Pictogram



Signal Word warning

Hazard statement(s)

H226 Flammable liquid and vapour.
H315 Causes skin irritation.

Precautionary statement(s)

Prevention

P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating/lighting/equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P264 Wash face, hands and any exposed skin thoroughly after handling.
P280 Wear protective gloves, clothing and eye protection.

Response

P362 Take off contaminated clothing and wash before reuse.
P332+313 If skin irritation occurs: Get medical advice.
P370+378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.
P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

Storage

P403+235 Store in a well-ventilated place. Keep cool.

Disposal

P501 Dispose of contents/containers to an approved waste disposal plant.

2.3 Other Hazards

See section 16

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Peppermint Water

Cas no. 7732-18-5, 64-17-5, 8006-90-4

Main Components:

Chemical Name	EC-No	Cas. No	Weight %	GHS Classification
Water	231-791-2	7732-18-5	82 - 86	Non-Hazardous
Ethanol	200-578-6	64-17-5	14 - 17	Flam. Liq. 2 (H225)
Peppermint Oil	282-015-4	8006-90-4	< 0.5	Aquatic Chronic.1 (H410)

For full list of risk symbols and GHS classifications see section 16.

4. FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation: If irritation occurs, remove to fresh air. Seek medical treatment if irritation persists.

Eye contact: Rinse thoroughly with plenty of water for 10 – 15 minutes. In case of eye irritation, consult a physician.

- Skin contact:** Wash off immediately with soap and plenty of water while removing all contaminated clothing.
- Ingestion:** Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

The most important known symptoms, and affects are described in the labelling (See section 2.2), and /or section 11.

4.3. Indication of any immediate medical attention and special treatment

No data available.

5. FIRE FIGHTING MEASURES

5.1. Extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Appropriate Extinguishing Media

Use water spray, dry chemical, alcohol-resistant foam, or carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Concentrated Vapours are heavier than air. In case of high temperatures, potentially explosive mixtures may develop upon contact with air. Carbon oxides may form.

5.3. Advice for fire-fighters

Special protective equipment for fire fighters:

Use standard procedures for chemical fire. As in any fire, wear self-contained breathing apparatus, MSHA/NIOSH approved (or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation and avoid breathing vapours, gas or mist. Vapours can accumulate in low areas. Contain spillage if safe to do so. For personal protection see section 8.

6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so.

6.3. Methods and material for containment and cleaning up

Contain spillage with non-combustible absorbent material (e.g. sand, earth, diatomite, acid binder, vermiculite, sawdust) and place in container for disposal according to local/national regulations. Store in adequate, closed container.

6.4. Reference to other sections

For disposal see section 13

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Close packaging after use. Avoid skin, eye contact and ingestion. Wear appropriate personal protection. Avoid high temperatures and sources of ignition – No Smoking. Avoid oxidants and acids. Maintain adequate local and general ventilation where the product is used.

7.2. Conditions for safe storage, including any incompatibilities

Store in cool dry area. Keep container tightly closed in a well ventilated area. Protect from light. Reproduce labelling if damaged or transferred to another container. Keep upright to prevent leakage.

Temperature: Ideally maintain storage temperature at 2-5°C.

7.3. Specific end use(s)

See section 1.3. No other specific used.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits No data available.

8.2. Exposure controls

General protective and hygienic measures:

Avoid skin and eye contact. Keep away from foodstuffs and beverages. Handle in accordance with good industrial hygiene and safety practice.

Engineering Measures:

Ensure adequate ventilation, especially in confined areas.

Environmental Exposure Controls:

The product should not be allowed to enter drains, water courses or the soil.

Eye/face Protection: Safety glasses with side-shields conforming to appropriate government standards.

Hand Protection: Handle with gloves (latex or nitrile). Inspect gloves before handling material. Remove carefully so as to avoid contaminating skin.

Skin and body protection: Wear suitable protective clothing where the type will depend on the possible contaminant concentrations.

Respiratory protection: Where risk assessment suggests respirator is needed due to poor engineering measures, use a full face respirator of appropriate local quality.

9. PHYSICAL & CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Botanical name:	<i>Mentha piperita</i> L. (Fam. Labiatae).
Physical state at 20 °C:	Mobile, viscous material.
Colour:	Colourless to slightly opaque
Odour:	Characteristic, recalling that of Peppermint.
Shelf Life:	2 years from date of manufacture if stored in original, unopened containers in a cool environment

Specific Gravity at 20 °C (g/cm³):	0.95
Refractive Index at 20 °C:	-
Process:	Steam distillation freshly chopped plant material followed by combination with ethanol and water.
Solubility:	Soluble in 100 % ethanol at 20 °C.
Flash Point (closed cup):	38.5 °C

9.2. Other Information

No data available

10. STABILITY & REACTIVITY

10.1. Reactivity

Dangerous reactions: No dangerous reactions known if kept in accordance with recommended conditions (section 7.2) and according to relevant identified uses (section 1.2).

10.2. Chemical stability

Stable product if kept in accordance with the recommended conditions (section 7.2) and the relevant identified uses (section 1.2).

10.3. Possibility of hazardous reactions

No unstable or dangerous substances formed in decomposition, if kept according to the recommendations of section 7.2 and according to the relevant identified uses under section 1.2.

10.4. Conditions to avoid

Avoid exposure to high temperatures, flames, sparks and exposure to air or moisture over prolonged periods.

10.5. Incompatible materials

Strongly oxidizing agents.

10.6. Hazardous/decomposition products

No data available

11. TOXICOLOGICAL INFORMATION

11.1. Acute toxicological information

Acute Toxicity:

No data available

Respiratory or skin sensitisation

No data available

Serious eye damage/eye irritation

No data available

Skin corrosion/irritation

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

Specific target organ toxicity – single exposure

No data available

Specific target organ toxicity – repeat exposure

No data available

Aspiration hazard

No data available

Additional information

No data available

11.2. Chronic toxicity

No data available

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Do not allow the product to enter the ground water or drains.

12.2. Persistence and degradability

No data available

12.3. Bio-accumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessments

This substance does not have a PBT or vPvB classification to the best of our knowledge, as the chemical safety assessment is not required/conducted.

12.6. Other adverse effects

No data available

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from Residues/Unused Products:

Do not flush residual waste product into the sewers or ground water. Dispose of in accordance of legal requirements regarding environmental protection and regarding disposal of waste as well as the requirements of any local authorities. Surplus and not recyclable products to be eliminated by an authorized waste collection company only.

Contaminated packaging:

Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

IMDG

Proper shipping name: PEPPERMINT WATER
Hazard class 3
UN/ID No: 1169
Packing Group: III

ADR

Proper shipping name: PEPPERMINT WATER
Hazard class 3
UN/ID No: 1169
Packing Group: III

IATA

Proper shipping name: PEPPERMINT WATER
Hazard class 3
UN/ID No: 1169
Packing Group: III

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.

Classification according to the directive EU 67/548.EEC and 1999/45/CE.

International Inventories

TSCA -
EINECS/ELINCS -
DSL/NDSL -
PICCS -
ENCS -
IENSC -
AICS -
KECL -

Legend

TSCA – United States Toxic Substances Control Act Section 8(b) Inventory.
EINECS/ELINCS – European Inventory of Existing Chemical Substances/EU List of Notified Chemical Substances.
DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List.
PICCS – Philippines Inventory of Chemicals and Chemical Substances.
ENCS – Japan Existing and New Chemical Substances.
IECSC – China Inventory of Existing Chemical Substances.
AICS – Australian Inventory of Chemical Substances.
KECL – Korean Existing and Evaluated Chemical Substances.

15.2. Chemical safety assessment

No data available.

16. OTHER INFORMATION

Hazardous substance or mixture according to the globally harmonised system (GHS).
Hazardous according to IATA regulations. Restricted airfreight transport.

Classification of the substance or mixture

Hazard class	Category	Signal Word	Pictogram
Flammable liquids	Category 3	Warning	
Acute toxicity, oral	Category 4	Warning	
Skin corrosion/irritation	Category 2	Warning	
Eye irritation	Category 2A	Warning	
Hazardous to the aquatic environment, long term hazard	Category 1	Warning	

Classification according to EU Directives 67/548/EEC or 1999/45/EC

This MSDS complies with the requirements of Regulation (EC) No. 1907/2006.

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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End of Safety Data Sheet